

Title (en)  
METHODS OF PRESERVING PLANT MATERIAL

Title (de)  
VERFAHREN ZUR KONSERVIERUNG VON PFLANZENMATERIAL

Title (fr)  
PROCEDES DE PRESERVATION DE MATIERE VEGETALE

Publication  
**EP 0750456 B1 19980902 (EN)**

Application  
**EP 95911402 A 19950316**

Priority  
• GB 9500569 W 19950316  
• GB 9405233 A 19940317

Abstract (en)  
[origin: US5677019A] PCT No. PCT/GB95/00569 Sec. 371 Date Oct. 9, 1996 Sec. 102(e) Date Oct. 9, 1996 PCT Filed Mar. 16, 1995 PCT Pub. No. WO95/24828 PCT Pub. Date Sep. 21, 1995The invention provides a method of making preserved plant material having the color and texture of fresh plant material and substantially free from curling or distortion, the method comprising the step of immersing the plant material in an aqueous solution comprising from 40% to 95% by weight of one or more C3-C6 dihydric alcohols at a temperature of from 60 DEG C. to 95 DEG C. The dihydric alcohols preferably comprise a major fraction of propylene glycol. The immersion is preferably carried out for from 5 to 90 minutes at a temperature of from 65 DEG to 85 DEG C. The aqueous solution may also contain dehydrating alcohols and/or polyethylene glycol. The aqueous solution of the dihydric alcohols exchanges for aqueous sap and juices in the plant material, e.g. cut green foliage or cut flowers, without changing the color or texture of the material.

IPC 1-7  
**A01N 3/00**

IPC 8 full level  
**A01N 3/00** (2006.01); **A01N 3/02** (2006.01)

CPC (source: EP US)  
**A01N 3/00** (2013.01 - EP US); **A01N 3/02** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 5677019 A 19971014**; AT E170362 T1 19980915; AU 1898095 A 19951003; AU 690649 B2 19980430; CA 2185528 A1 19950921; DE 69504478 D1 19981008; DE 69504478 T2 19990506; DK 0750456 T3 19990607; EP 0750456 A1 19970102; EP 0750456 B1 19980902; ES 2123963 T3 19990116; GB 2287637 A 19950927; GB 2287637 B 19970820; GB 9405233 D0 19940427; IL 113018 A0 19950629; IL 113018 A 19981206; JP H09512789 A 19971222; NZ 281998 A 19970424; WO 9524828 A1 19950921; ZA 952227 B 19960917

DOCDB simple family (application)  
**US 70470496 A 19960917**; AT 95911402 T 19950316; AU 1898095 A 19950316; CA 2185528 A 19950316; DE 69504478 T 19950316; DK 95911402 T 19950316; EP 95911402 A 19950316; ES 95911402 T 19950316; GB 9405233 A 19940317; GB 9500569 W 19950316; IL 11301895 A 19950316; JP 52392295 A 19950316; NZ 28199895 A 19950316; ZA 952227 A 19950317